

From: Robert Helverson/R3/USEPA/US
Sent: 1/31/2012 2:51:44 PM
To: Michael Eller/R3/USEPA/US@EPA
CC:
Subject: Re: USGS article cited in news article

Right, I thought the same, and assumed the Dck for most of the wells that have any depth (100+). I was using the Dck data for Bradford from the USGS report as a guide for background. Sure you already have it though:

Robert H. Helverson
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Agency for Toxic Substances and Disease Registry (ATSDR), Region 3
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From: Michael Eller/R3/USEPA/US
To: Robert Helverson/R3/USEPA/US@EPA
Cc: KarenD Johnson/R3/USEPA/US@EPA
Date: 01/31/2012 02:43 PM
Subject: Re: USGS article cited in news article

As far as I can tell, the domestic wells in the Dimock area are screened either in alluvium or the Catskill Formation (USGS symbol Dck). Geochemical data for the Catskill bedrock aquifer should be good to establish background. It becomes more complicated if there are multiple chemically distinct water-bearing zones within the Catskill. I'm researching that too.

Mike Eller
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From: Robert Helverson/R3/USEPA/US
To: KarenD Johnson/R3/USEPA/US@EPA, Michael Eller/R3/USEPA/US@EPA
Date: 01/31/2012 01:32 PM
Subject: Re: USGS article cited in news article

Thank you Karen.

Mike,
Any chance you can load that up on the WPD shared drive so I can download it? Sounds like it is just arsenic?

Karen mentioned that you have been putting together a background concentration summary table for Dimock. Is this for the specific formation or just general groundwater numbers? The Dimock wells are apparently from a number of different depths and possibly access different formations. I was planning on placing background data in our health consultation for reference, so would really like to take advantage of all of your research and not duplicate efforts (and be consistent w EPA). When you finish that, could you provide me with the table and references?

Will stop up soon to speak with you, but swamped lately.

Thanks,

Bob
X3139

----- Original Message -----

From: KarenD Johnson

Sent: 01/31/2012 01:16 PM EST

To: Michael Eller

Cc: Robert Helverson

Subject: Re: USGS article cited in news article

Outstanding! Rob Helverson from ATSDR will probably be coming up to pick your brain about what you've learned about background, so they don't have to duplicate the effort!

Karen D. Johnson, Chief

Ground Water & Enforcement Branch

From: Michael Eller/R3/USEPA/US
To: KarenD Johnson/R3/USEPA/US@EPA
Date: 01/31/2012 11:38 AM
Subject: USGS article cited in news article

Hi Karen,

I found the 2006 USGS paper cited by Cabot in yesterday's news article (published in 2007 but given a 2006 date). I've actually read this one already and I have notes on it.

[attachment "Reconnaissance of Arsenic Concentrations in Groundwater from Bedrock and Unconsolidated Aquifers in Eight Northern Tier Counties of Pennsylvania.pdf" deleted by KarenD Johnson/R3/USEPA/US]

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